

FIG. 1

FIG. 2A

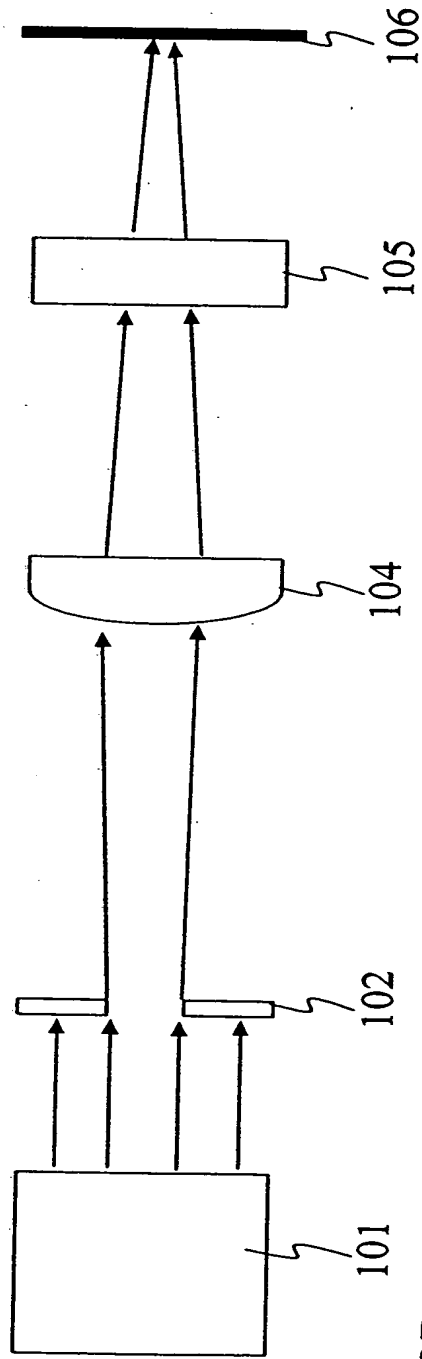
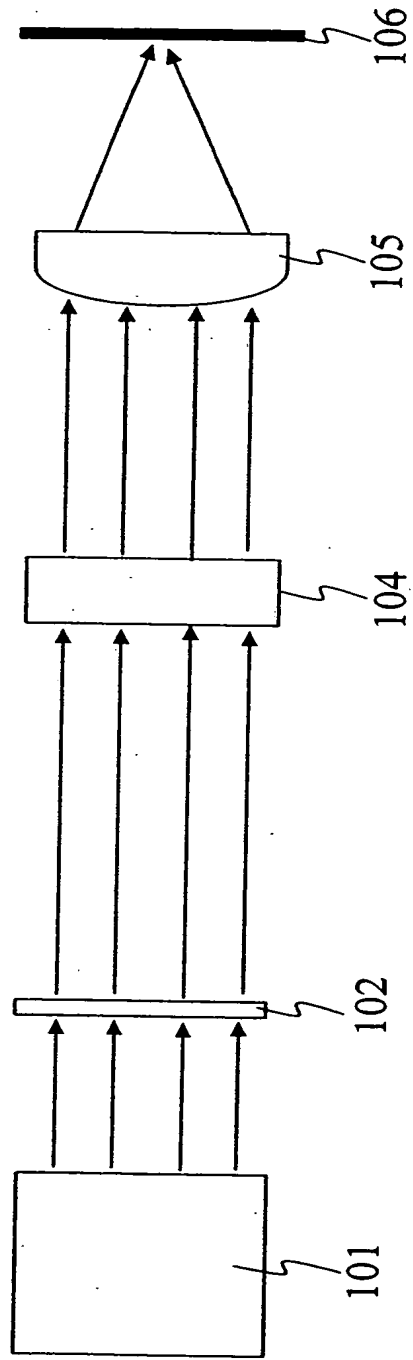


FIG. 2B



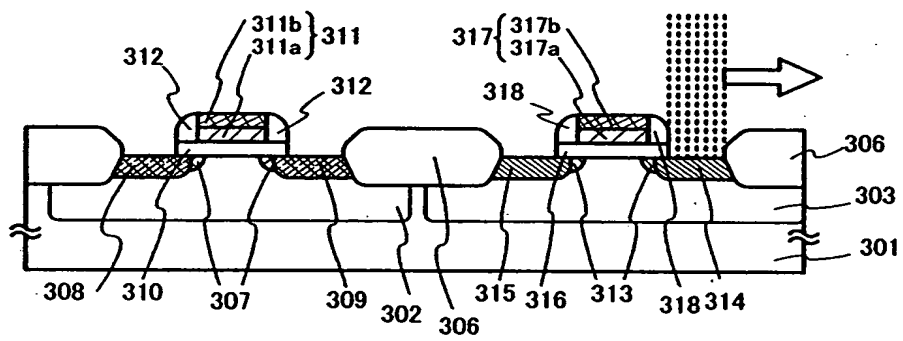


FIG. 3A

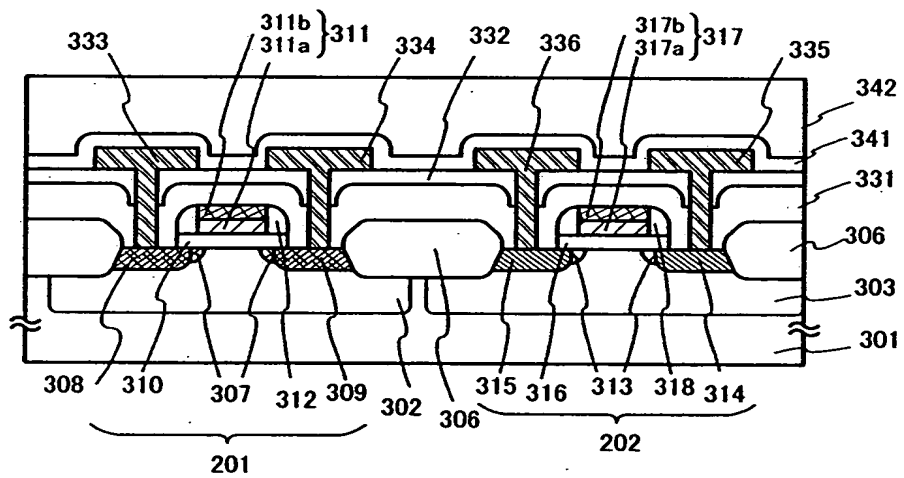


FIG. 3B

FIG. 4A

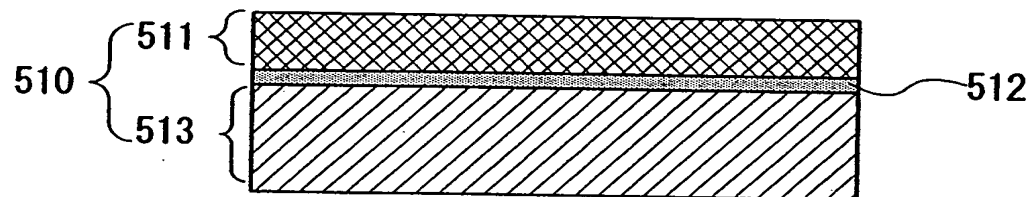


FIG. 4B

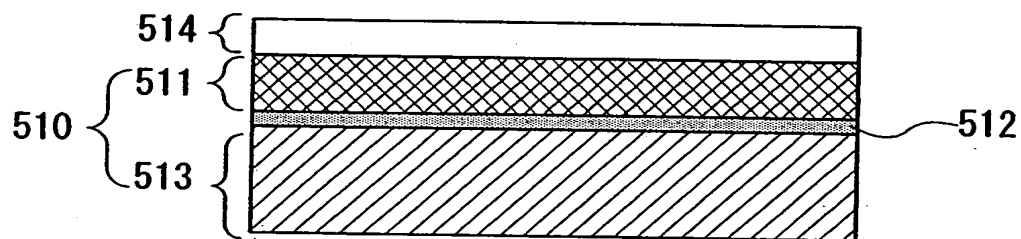


FIG. 4C

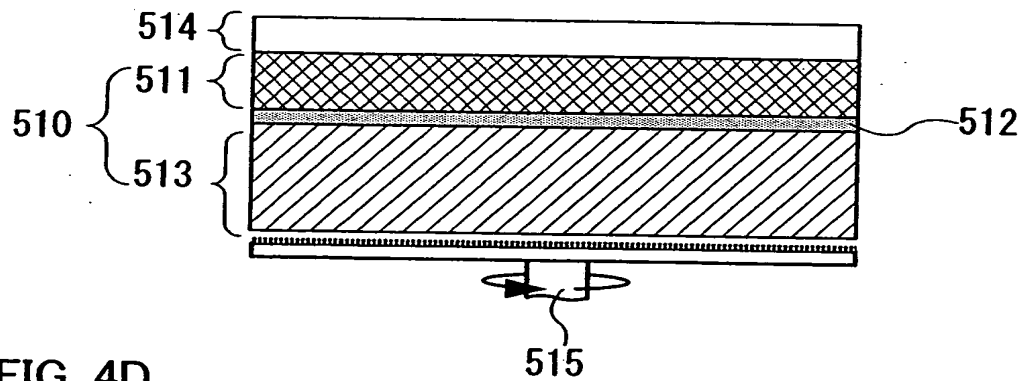


FIG. 4D

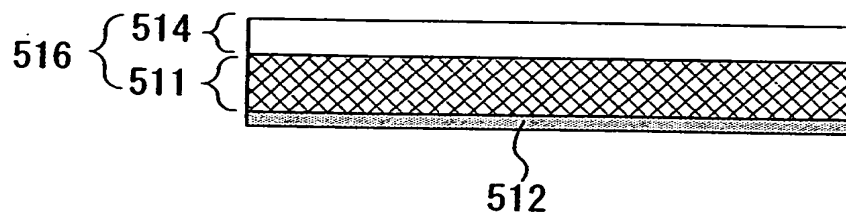


FIG. 5A

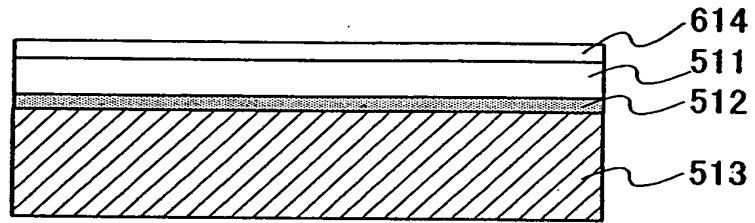


FIG. 5B

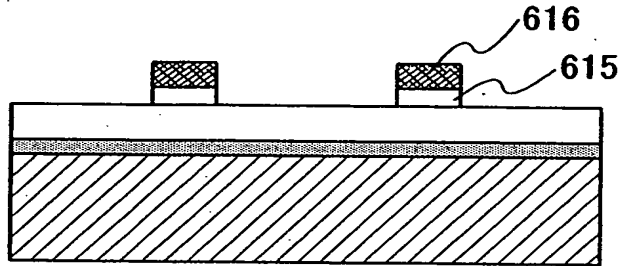


FIG. 5C

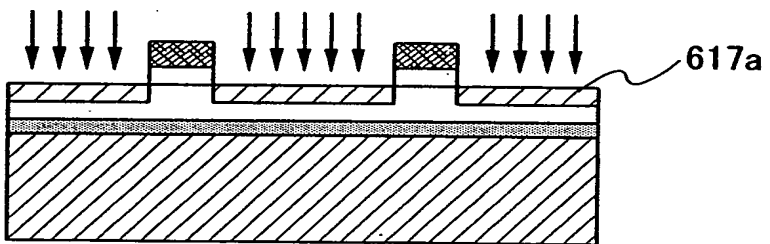


FIG. 5D

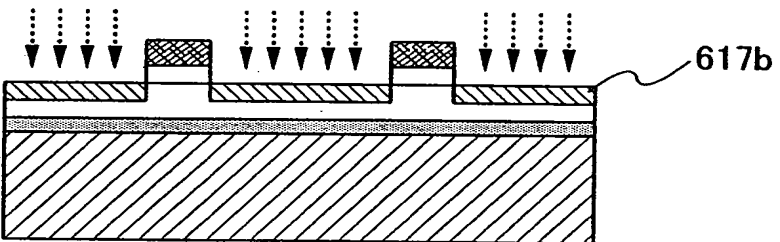


FIG. 5E

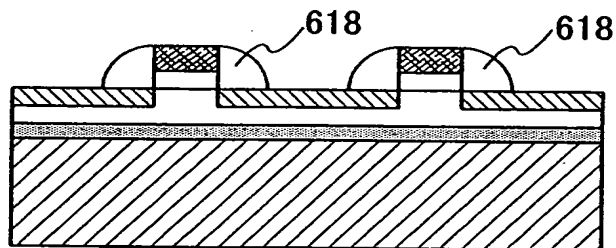
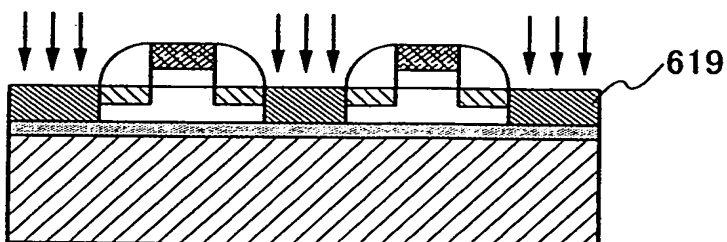


FIG. 5F



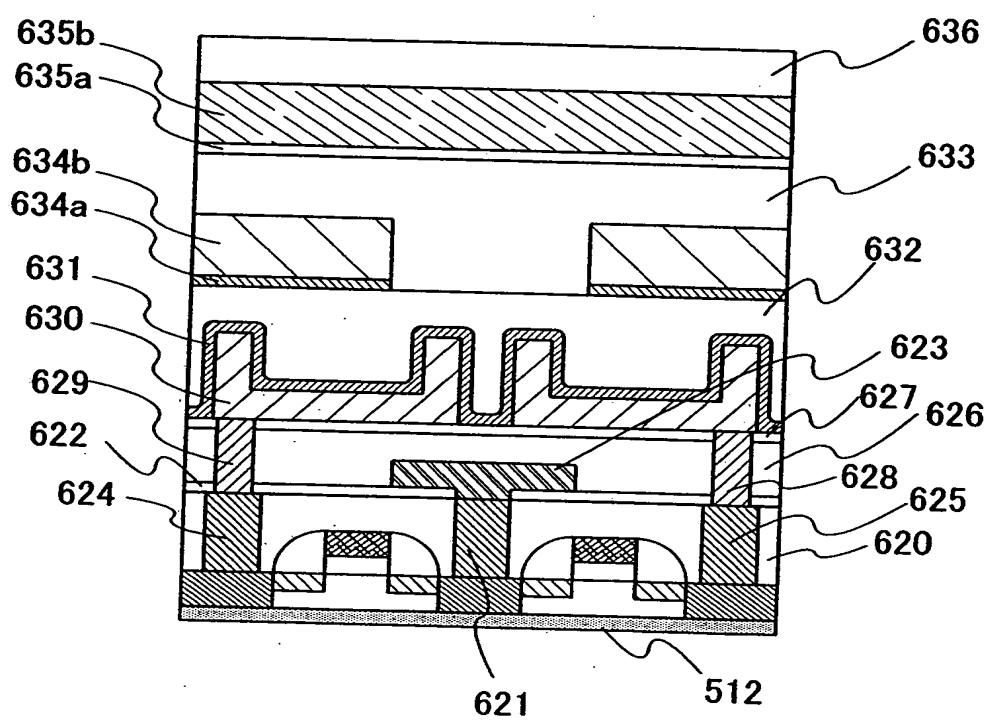


FIG. 6

FIG. 8A

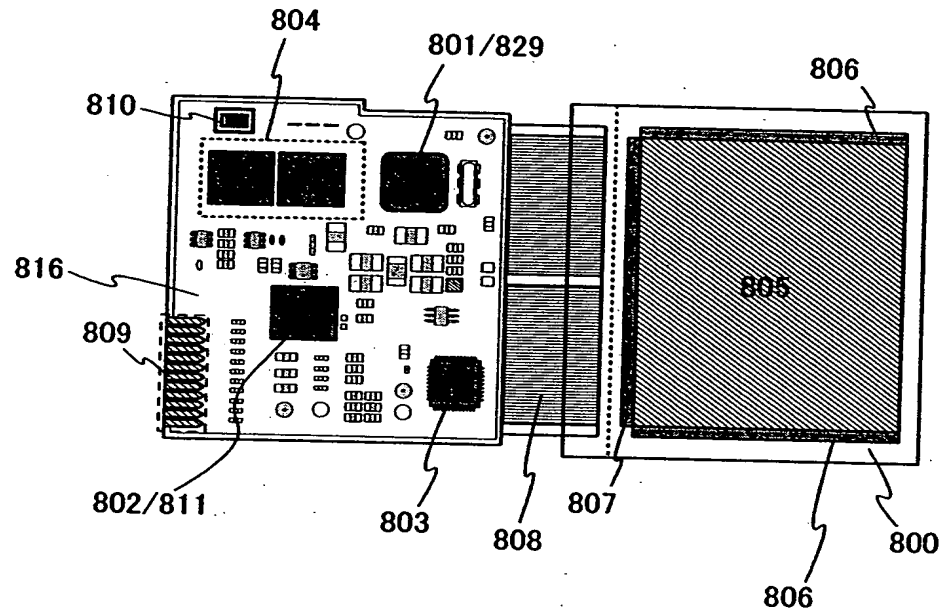
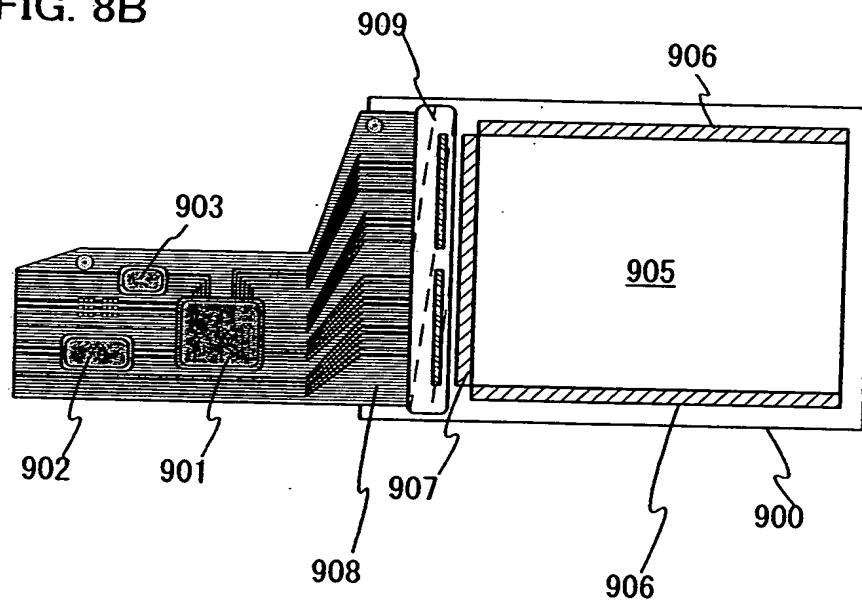


FIG. 8B



9/12

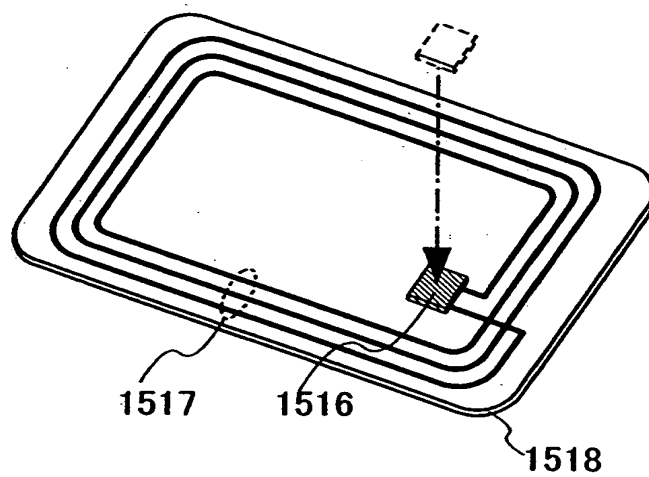


FIG. 9

FIG. 10A

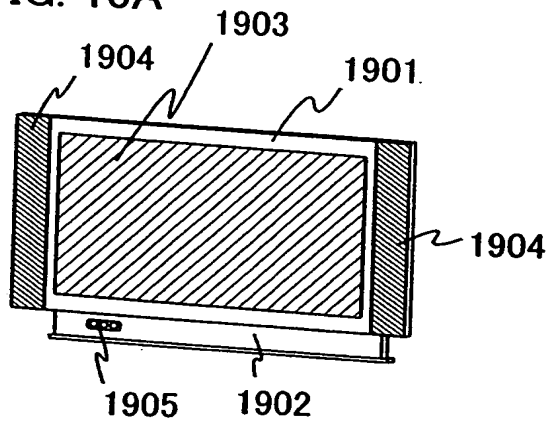


FIG. 10B

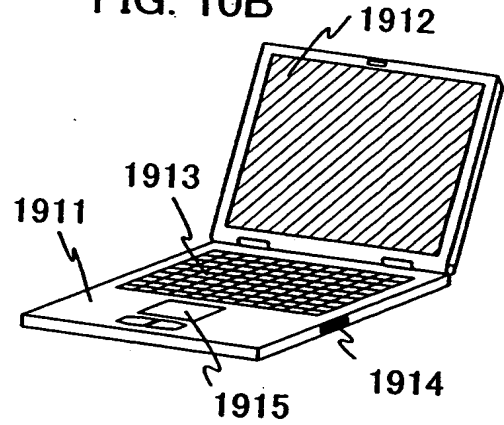


FIG. 10C

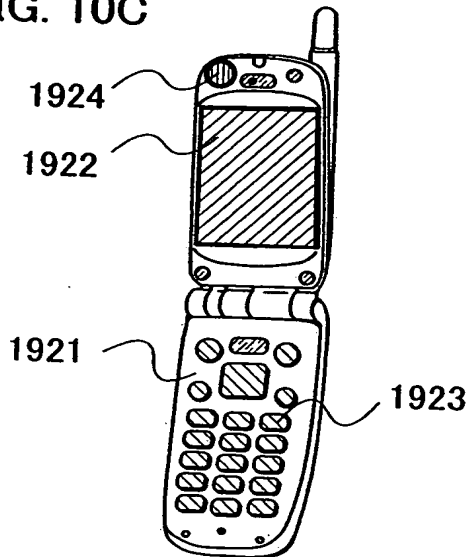


FIG. 10D

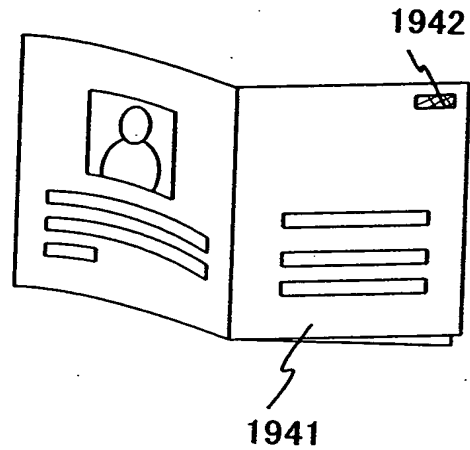
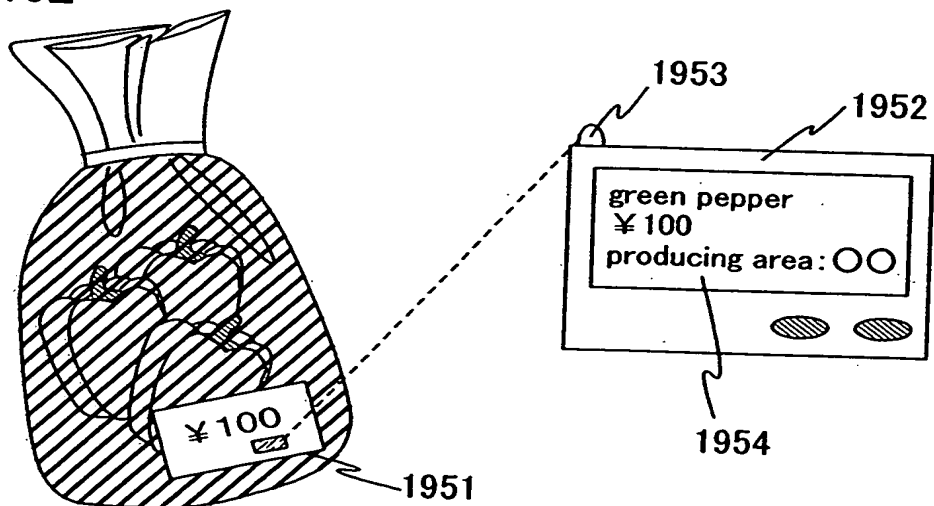


FIG. 10E



EXPLANATION OF REFERENCE

101: laser oscillator, 102: slit, 103: mirror, 104: first cylindrical lens, 105: second
 cylindrical lens, 106: semiconductor substrate, 107: substrate fixing stage, 108: X stage,
 109: Y stage, 110: laser beam, 111: beam irradiation region, 201: p-channel FET, 202:
 5 n-channel FET, 301: substrate, 302: n-well, 303: p-well, 306: field oxide film, 307:
 extension region, 308: source region, 309: drain region, 310: gate insulating film, 311:
 gate electrode, 311a: polysilicon layer, 311b: silicide layer, 312 :sidewall, 313:
 extension region, 314 :source region, 315: drain region, 316: gate insulating film, 317:
 gate electrode, 317a: polysilicon layer, 317b: silicide layer, 318: sidewall, 331: first
 10 interlayer insulating film, 332: second interlayer insulating film, 333: source electrode,
 334: drain electrode, 335: source electrode, 336: drain electrode, 341: passivation film,
 342: third interlayer insulating film, 510: SIMOX substrate, 511: first single-crystal
 semiconductor layer, 512: insulating layer, 513: second single-crystal semiconductor
 layer, 514: layer including second element, 515: grinding and polishing apparatus, 516:
 15 semiconductor device, 614: inorganic insulating film, 615: gate insulating film, 616:
 gate electrode, 617a: first impurity region, 617b: first impurity region, 618: sidewall,
 619: second impurity region, 620: first silicon oxide film, 621: leading terminal, 622:
 second silicon oxide film, 623: bit line,, 624: plug, 625: plug, 626: third silicon oxide
 film 627: silicon nitride film, 628: plug, 629: plug, 630: electrode, 631: upper electrode,
 20 632: first interlayer insulating film, 633: second interlayer insulating film, 634a: TiN
 film, 634b: film mainly containing Al, 635a: TiN film, 635b: film mainly containing Al,
 636: final protective film, 701: lead frame, 702: chip, 703: mold resin layer, 704:
 adhesive agent, 705: solder ball, 706: wiring, 707: gold wire, 800: panel, 801: sound
 processing circuit, 802: memory, 803: power supply circuit, 804: transmitter-receiver
 25 circuit, 805: pixel portion, 806: scan line driver circuit, 807: signal line driver circuit,
 808: FPC, 809: interface portion, 810: antenna port, 811: CPU, 816: printed wiring
 board, 829: controller , 900: panel, 901: controller, 902: CPU, 903: memory, 905: pixel
 portion, 906: scan line driver circuit, 907: signal line driver circuit, 908: FPC, 909:

12/12

adhesive agent, 1516: IC chip, 1517: conductive layer, 1518: card-like substrate, 1901:
casing, 1902: support, 1903: display portion, 1904: speaker portion, 1905: video input
terminal, 1911: casing, 1912: display portion, 1913: keyboard, 1914: external
connection port, 1915: pointing mouse, 1921: casing, 1922: display portion, 1923:
5 operation key, 1924: sensor portion, 1941: passport, 1942: wireless IC tag, 1951:
wireless IC tag, 1952: reader, 1953: antenna portion, 1954: display portion